

10024955-121901

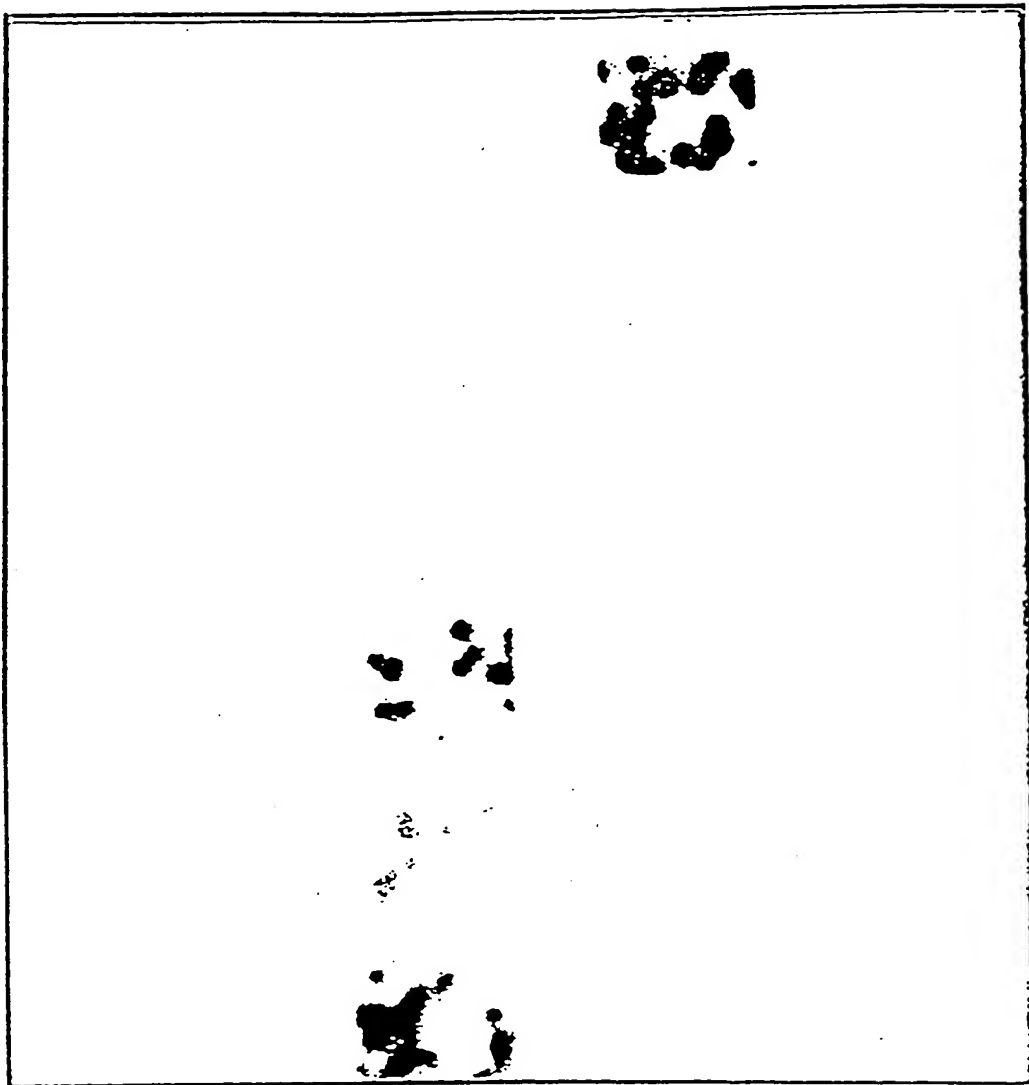


FIG. 1

FOOT 2T-5564200T

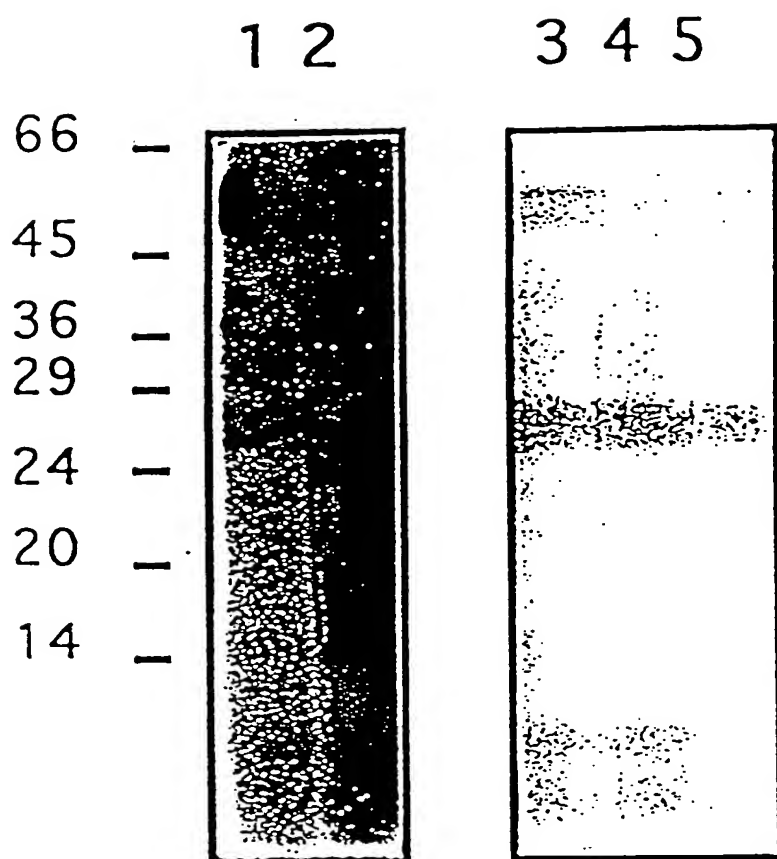


FIG. 2

Figure 3A

TTTTTTTCTTTTCTGTTATTCCTCCATTTTTCATATCGTAAATCCAAATTCACCTTT 60
 TTACCAA ATG ATG AAA TTA TTA TTG ATT GCT GCC GCA GCT TTT GTT 106
 Met Met Lys Leu Leu Ile Ala Ala Ala Phe Val
 GCC GTT TCG GCT GAT CCA ATT CAC TAT GAT AAA ATC ACC GAA GAA 151
 Ala Val Ser Ala Asp Pro Ile His Tyr Asp Lys Ile Thr Glu Glu
 ATT AAC AAA GCT GTT GAT GAA GCC GTC GCT GCA ATT GAA AAA TCC 196
 Ile Asn Lys Ala Val Asp Glu Ala Val Ala Ile Glu Lys Ser
 GAA ACA TTC GAT CCA ATG AAG GTA CCC GAT CAT TCT GAT AAA TTC 241
 Glu Thr Phe Asp Pro Met Lys Val Pro Asp His Ser Asp Lys Phe
 GAA CGA CAT ATT GGT ATC ATC GAT TTA AAA GGT GAA TTA GAC ATG 286
 Glu Arg His Ile Gly Ile Ile Asp Leu Lys Gly Glu Leu Asp Met
 CGA AAC ATT CAA GTT CGA GGA TTA AAA CAA ATG AAA CGT GTA GGT 331
 Arg Asn Ile Gln Val Arg Gly Leu Lys Gln Met Lys Arg Val Gly
 GAT GCT AAT GTG AAA AGT GAA GAT GGT GTT GTC AAA GCT GAT TTG 376
 Asp Ala Asn Val Lys Ser Glu Asp Gly Val Val Lys Ala His Leu
 TTG GTC GGT GTT CAT GAT GAC GTT TCA ATG GAA TAT GAT TTA 421
 Leu Val Gly Val His Asp Asp Val Val Ser Met Glu Tyr Asp Leu
 GCA TAC AAA TTG GGT GAT CTT CAT CCA AAC ACT CAT GTC ATT TCG 466
 Ala Tyr Lys Lys Glu Gly Asp Leu His Pro Asn Thr His Val Ile Ser

GAT ATT CAG GAT TTT GTT GTC GAA TTA TCG CTC GAA GTT AGC GAA 511
 Asp Ile Gln Asp Phe Val Val Val Ser Leu Glu Val Ser Glu
 GAA GGT AAT ATG ACA TTG ACA TCG TTC GAA GFA CGT CAA TTT GCC 556
 Glu Gly Asn Met Thr Leu Thr Ser Phe Glu Val Arg Gln Phe Ala
 AAT GTT GTC AAT CAT ATT GGT GGT CTT TCA ATT TTG GAT CCA ATT 601
 Asn Val Val Asn His Ile Gly Gly Leu Ser Ile Leu Asp Pro Ile
 TTC GCT GTC TTA TCC GAT GTT TTG ACC GCT ATT TTC CAG GAT ACC 646
 Phe Ala Val Leu Ser Asp Val Leu Thr Ala Ile Phe Gln Asp Thr
 GTA CGT GCA GAA ATG ACC AAA GTA TTG GCA CCA GCA TTC AAA AAA 691
 Val Arg Ala Glu Met Thr Lys Val Leu Ala Pro Ala Phe Lys Lys
 GAA TTG GAA CGA AAC AAC CAA TAGACTTACACACAACATACACTGTATT 743
 Glu Leu Glu Arg Asn Asn Gln
 TTACACTGGATATCAATGAATAAATTITTTATCATTTTGTTTAAAAA 802
 AAAAAAAAAA 812

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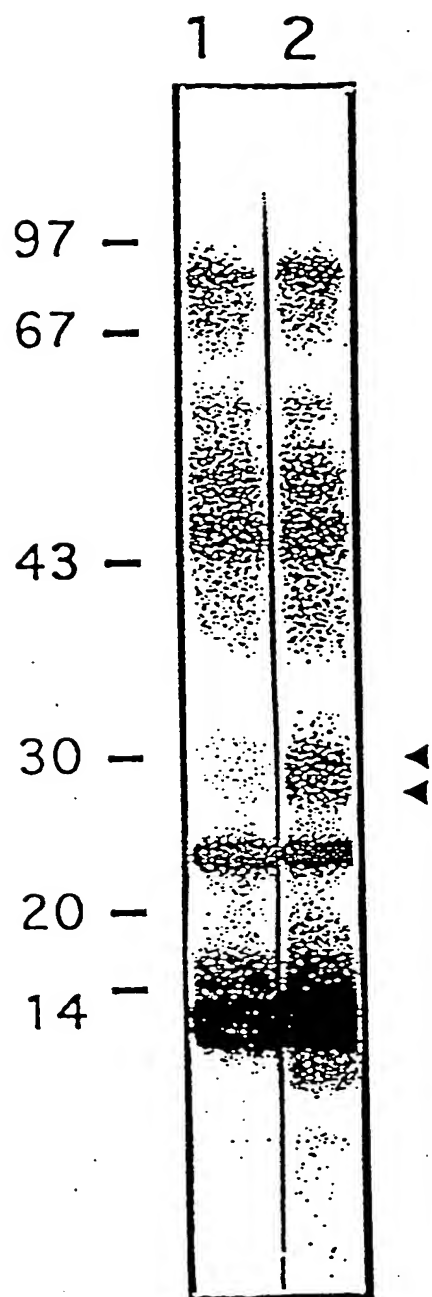


FIG. 4

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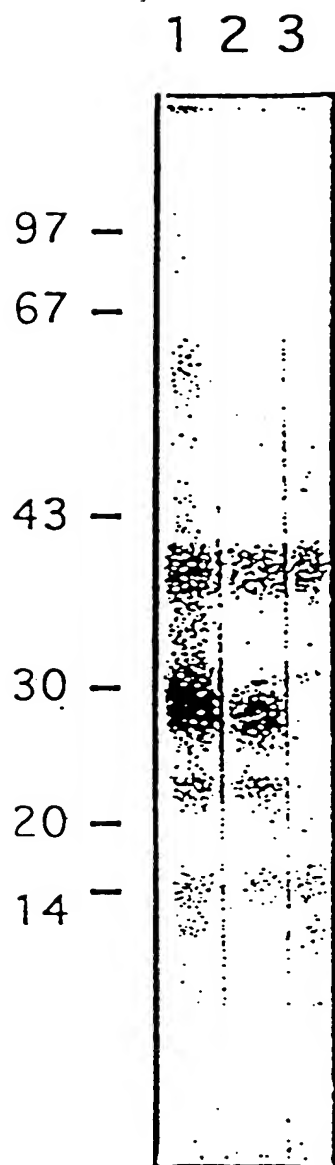


FIG. 5

Figure 6A

GATCTTATATCAATACCAATCCAAAAAACATATCTTACAAATG	ATG	AAA	TTT	TTG	57
	Met	Met	Lys	Phe	Leu
TTC ATT CCT GCC GTG GCA TTT GTC GCC GTT TCG GCT GAT CCA ATT					102
Leu Ile Ala Ala Val Ala Phe Val Ala Val Ser Ala Asp Pro Ile					
CAC TAT GAT AAA ATC ACC ACC GAA CAA ATC AAC AAA GCT ATT GAT GAT					147
His Tyr Asp Lys Ile Thr Glu Glu Ile Asn Lys Ala Ile Asp Asp					
GCC ATT GCT GCT ATT GAA CAA TCC CAA ACA ATA GAT CCA ATG AAA					192
Ala Ile Ala Ala Ile Glu Glu Ser Glu Thr Ile Asp Pro Met Lys					
GTA CCT GAT CAT GCC GAT AAA TTC GAA CGT CAT GTT GGT ATT GTG					237
Val Pro Asp His Ala Asp Lys Phe Glu Arg His Val Gly Ile Val					
GAT TTC AAA GGT GAA TTA GCC ATG CGA AAC ATT GAG GCT CGA GGA					282
Asp Phe Lys Gly Glu Leu Ala Met Arg Asn Ile Glu Ala Arg Gly					
TTG AAA CAA ATG AAA CGT CAA GGT GAT GCT AAT CTC AAA GGT GAA					327
Leu Lys Gln Met Lys Arg Gln Gly Asp Ala Asn Val Lys Gly Glu					
GAG GGT ATT GTT AAA GCT CAT TTG TTG ATC GGT GTT CAC GAT GAT					372
Glu Gly Ile Val Lys Ala His Leu Leu Ile Gly Val His Asp Asp					
ATC GTC TCG ATG GAA TAT GAT TTA GCA TAC AAA TTG GCT GAT CTT					417
Ile Val Ser Met Glu Tyr Asp Leu Ala Tyr Lys Leu Gly Asp Leu					
CAT CCA ACC ACT CAT GTC ATT TCG GAT ATT CAA GAT TTT GTT CTT					462
His Pro Thr Thr His Val Ile Ser Asp Ile Gln Asp Phe Val Val					

GCC TTG TCC CTT GAA ATT TCT GAT GAA GGT AAC ATA ACA ATG ACA Ala Leu Ser Leu Glu Ile Ser Asp Glu Gly <u>Asn</u> Ile Thr Met Thr	507
TCT TTT GAA GTA CGA CAA TTC GCT AAT GGT GTC AAC CAT ATT GGT Ser Phe Glu Val Arg Gln Phe Ala Asn Val Val Asn His Ile Gly	552
CGT CTT TCA ATC TTG GAT CCA ATT TTT GGC GTT TTA TCT GAT GTA Gly Leu Ser Ile Leu Asp Pro Ile Phe Gly Val Leu Ser Asp Val	597
TTG ACC GCT ATT TTC CAA GAC ACC GTA CGT AAG GAA ATG ACC AAG Leu Thr Ala Ile Phe Gln Asp Thr Val Arg Lys Glu Met Thr Lys	642
GTA TTG CCA CCA GCA TTT AAA CGT GAA TTG GAA AAA AAT TAACCAA Val Leu Ala Pro Ala Phe Lys Arg Glu Leu Glu Lys Asn	688
TAGACATCATTTTCCCAACTGTACAATCTCTATTCTGACGATAAATAATTTT	747
ATTTTATTTCTCC	761

Figure 7B

Df VII:	... A.TTC... ..A.A	186	
	Ile	Gln	Ile
Dp VII:	ATG AAG GTA CCC GAT CAT TCT GAT AAA TTC GAA CGA GAT	250	
	Met Lys Val Pro Asp His Ser Asp Lys Phe Glu Arg His		
Df VII:ATG.CT	275	
		Ala	
Dp VII:	ATT GGT ATC ATC GAT TTA AAA GGT GAA TTA GAC ATG CGA	289	
	Ile Gly Ile Ile Asp Lou Lys Gly Glu Leu Asp Met Arg		
Df VII:	G... ..T G.GCC... ..	264	
	Val	Phc	Ala
Dp VII:	AAC ATT CAA GTT CGA GCX TTA AAA CAA ATG AAA CGT GTA	328	
	Asn Ile Gln Val Arg Gly Leu Lys Lys Gln Met Lys Arg Val		
Df VII:G.G .C.GCA... ..	303	
	Glu Ala		Gln

Dp VII:	GGT GAT GCT AAT CTG AAA AGT GAA GAT GGT GTT GTC AAA	367
	Gly Asp Ala Asn Val Lys Ser Glu Asp Gly Val Val Lys	
Df VII:CGT ...	342
	Gly Glu Ile	
Dp VII:	GCT CAT TTG TTG GTC GGT GTT CAT GAT GAC GTT GTT TCA	406
	Ala His Leu Leu Val Gly Val His Asp Asp Val Val Ser	
Df VII:A... ..CT A.C ..C ..G	381
	Ile Ile	
Dp VII:	ATG GAA TAT GAT TTA GCA TAC AAA TTG CCT GAT CTT CAT	445
	Met Glu Tyr Asp Leu Ala Tyr Lys Leu Gly Asp Leu His	
Df VII:C... ..CCCC ...	420
	Thr	
Dp VII:	CCA AAC ACT CAT GTC ATT TCG GAT ATT CAG GAT TTT GTT	484
	Pro Asn Thr His Val Ile Ser Asp Ile Gln Asp Phe Val	
Df VII:C... ..C... ..C... ..C... ..C... ..C... ..C... ..C...	459
	Thr	
Dp VII:	GTC GAA TTA TCC CTC GAA GTT AGC GAA GAA GGT AAT ATG	523
	Val Glu Leu Ser Ile Glu Val Ser Glu Glu Gly Asn Met	

Figure 7D

6

Dp VII: ACA TTG ACA TCG TTC GAA GTA CGT CAA TTT CCC AAT GTT
 Thr Leu Thr Ser Phe Glu Val Arg Gln Phe Ala Asn Val

Df VII: ... A.I'I'AC .T 537

Not

DDp VII: GTC AAT CAT ATT GGT GGT CTT TCA ATT TTG GAT' CCA ATT
Val Asn His Ile Gly Gly Leu Ser Ile Leu Asp Pro Ile

df VII:C	576
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ndp VII: TTC GCT GTC TTA TCC GAT GTT TTG ACC GCT ATT TTT CAG
 Phe Ala Val Leu Ser Asp Val Leu Thr Ala Ile Phe Glu

Df VII: ..T .GC ..TT :. .AA 615
Gly

Dp VII: GAT ACC GTA CGT CCA GAA ATG ACC AAA GTA TTG GCA CCA 679
 Asp Thr Val Arg Ala Glu Met Thr Lys Val Leu Ala Pro

Df VII: ..C AAG 654
 Lys

Dp VII: GCA TTC AAA AAA GAA TTG GAA CGA AAC AAC CAA TAGACTT 719
 Ala Phe Lys Lys Glu Leu Glu Arg Asn Asn Gln

Df VII:T CGT AA. ..' 688
 Arg Lys AC.AA

Dp VII: ACACACAACATAACACTGTTATTATTTTACACTGGATAATCAAAATGAATAAA 770

Df VII: TAGACATCAT.TTTC.AAC.G.ACAAT.T..ATT.C.CTG.CAAT..A.T. 739

Dp VII: TTTTTTATCATTTTGTTTAAAAAATAAAAAAAAAAAAAA 812

Df VII: AAA....TATT...AT..CTCC 761